| TY NAME: BASF Corp. | | | | | |
|----------------------------------|----------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|--|--|
| TY ID (PREMISE NUMBI | ER): 02-47-04-0195 | | | | |
| TY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | | | |
| e or most recent modific | cation date: 07/27/01 | | | | |
| ERLY Reporting Period | | | SEMIANNUAL Reporting Period (please indicate "N/A" below in the From and To if this report does include semiannual deviation reporting) | | |
| 04/01/13 | To: 06/30/13 | From: NA | To: NA | | |
| ages in <u>report,</u> including | this one: 59 pages | | | | |
| list any supporting attachments | | | | | |
| ng deadline: 07/31/2013 | 3 | | | | |

NOTE: The deviation reporting period shall be stated in the following format: Axx/xx/xx through zz/zz/zz@ where xx/xx/xx and zz/zz/zz are the beginning and end dates for the deviation reporting period respectively.

SIGNATURE FOR STATEMENT

This statement shall be signed by the responsible official as defined in OAC rule 3745-77-01(GG). Making of any false material statement, representation or certification constitutes

a violation of ORC 3704.05(H), and subjects the responsible party signing this statement to civil and/or criminal penalties as provided in ORC 3704.06(C) and ORC 3704.

CERTIFICATION

Based on information and belief formed after reasonable inquiry, I hereby affirm, as stated in OAC rule 3745-77-03(D), that the statements and information as transmitted in this

Title V report are true, accurate and complete to the best of my knowledge.

| Authorized Signature | Date | |
|----------------------|-------|--|
| Name (Please Print) | Title | |

Ohio Environmental Protection Agency Section I- Page 1 Deviation Reporting

| ACILITY NAME: BASI | = Corp. | | |
|-------------------------|-----------------------------------|----------|---------------------------------------------------------------------------------------------------------|
| ACILITY ID (PREMISE | NUMBER): 02-47-04-0195 | | |
| ACILITY ADDRESS: | 120 Pine Street, Elyria, OH 44035 | | |
| ssuance or most recent | t modification date: 07/27/01 | | |
| QUARTERLY Reporting | QUARTERLY Reporting Period | | Period (please indicate "N/A" below in the "From" and "To" fields if thi annual deviation reporting) |
| rom: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/ | 31/2013 | | |

Ohio Environmental Protection Agency
Deviation Reporting

FACILITY NAME

FACILITY ID (PREMISE NUMBER)

FACILITY ADDRESS

Issuance or most recent modification date

QUARTERLY Reporting Period

SEMIANNUAL Reporting Period (please indicate AN/A@ below in the AFr

From:

this report does include semiannual deviation reporting)

To:

SECTION I -

From:

Reporting deadline

704.05(H), PART I General Terms and Conditions (Permit Requirement Reporting) (Table1)

To:

Mark the following box with an >X= if no General Terms and Conditions deviations occurred

THERE WERE NO DEVIATIONS OF ANY OF THE TERMS AND CONDITIONS OF PART I OF THE TITLE V PERMIT. DURING THE REPORTING PERIOD

Add rows as necessary to the following table for reported deviations (one for each General Term as applicable; see detailed instructions for more information) (Table2)

| PERMIT ACTUAL METHO | | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | | | CORRECTIVE ACTION PREVENTATIVE MEASURE | | | |
|---------------------|-----------|-----------------------------------------------|--|-----------------------|--------------------|--|-------------------------------------------|-----------------------------------------------|--|--|
| | Quarterly | Semi- Annual | | DEVIATION DURATION | | | | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | |
| | | | | DATE / TIME START | DATE / TIME END | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

TITLEVDEVIATIONREPORT_2NDQRT2013.DOC 11/2005

Ohio Environmental Protection Agency Deviation Reporting

| FACILITY NAME | | | |
|--------------------------------|-------------|---------------------------------------------------------------------------------------------|-----|
| FACILITY ID (PREMISE NUME | BER) | | |
| FACILITY ADDRESS | | | |
| Issuance or most recent modifi | cation date | | |
| QUARTERLY Reporting Period | | SEMIANNUAL Reporting Period (please in this report does include semiannual deviated) | |
| From: | То: | From: | То: |
| Reporting deadline | | | |

| PERMIT RM scription | Reporting Re | | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | | | CORRECTIVE ACTI PREVENTATIVE MEASUF |
|---------------------------|--------------|-----------------|-----------------------------------------------|-----------------------|--------------------|-----------------------------------------------|--|----------------------------------------|
| | Quarterly | Semi- Annual | ļ. | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | |
| | | | ! | DATE / TIME START | DATE / TIME END | | | |
| | | | | | | | | |
| | | | | | | | | |

Ohio Environmental Protection Agency Section II- Page 1 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|--------------------------------------|----------------------------|----------|------------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMBER): | 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine Street | et, Elyria, OH 44035 | | |
| Issuance or most recent modification | date: 07/27/01 | | |
| QUARTERLY Reporting Period | QUARTERLY Reporting Period | | g Period (please indicate "N/A" below in the Fr semiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | · |
| | | I . | |

<u>Section II - Part II Facility-wide Permit Requirement Reporting</u> Insignificant Emissions Unit Negative Declarations (Table1)

List each insignificant emissions unit where no deviations of any PTI terms or applicable requirements for the listed emissions unit occurred, <u>or</u> add rows as necessary to the deviation reporting table (see next page) for reported deviations (one for each term as applicable; see detailed instructions for more information)

VERE NO DEVIATIONS OF ANY PTI TERMS OR APPLICABLE REQUIREMENTS FOR THE FOLLOWING LISTED INSIGNIFICANT EMISSIONS UNITS IDENTIFIED IN PART II.,

1. EV PERMIT:

color tray dying (E-5)

trays dryers, littleford mixer (E-31)

HC-11 tanks (E-53)

TCP blend & slugger (E-61)

ceramic color dryer #9 (E-83)

waste shredder (E-80)

Ohio Environmental Protection Agency Section II- Page 2 Deviation Reporting

| FACILITY NAME: BASF Coi | rn | | |
|------------------------------|-------------------------------|----------|-----------------------------------------------------------------------------------|
| TACIETT NAIVIE: BACT COL | η ρ . | | |
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | QUARTERLY Reporting Period | | Period (please indicate "N/A" below in the Fron emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | |

VERE NO DEVIATIONS OF <u>ANY</u> PTI TERMS OR APPLICABLE REQUIREMENTS FOR THE FOLLOWING LISTED INSIGNIFICANT EMISSIONS UNITS IDENTIFIED IN PART II. I LE V PERMIT:

general catalyst dryers #4, #5 (E-86)

nitric acid dilution (E-87)

ZR sinter furnace (E-89)

ammonia stripper in WWTP (E-93)

12 inch rotary calciner (E-95)

fast fire kiln (E-90)

reduction towers (E-98)

elevator kilns (E-96)

#6 rotary calciner (E-97)

Ohio Environmental Protection Agency Section II- Page 3 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|--------------------------------------|----------------------------|----------|--------------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMBER): | 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine Street | et, Elyria, OH 44035 | | |
| Issuance or most recent modification | date: 07/27/01 | | |
| QUARTERLY Reporting Period | QUARTERLY Reporting Period | | g Period (please indicate "N/A" below in the Fron semiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | · |

VERE NO DEVIATIONS OF <u>ANY</u> PTI TERMS OR APPLICABLE REQUIREMENTS FOR THE FOLLOWING LISTED INSIGNIFICANT EMISSIONS UNITS IDENTIFIED IN PART II., LE V PERMIT:

Black furnaces (E-99)

Horne tableting machines (E-102)

sulfuric acid storage tank

Kewanee boiler, rated at 8.6 MMBtu/hr

Ohio Environmental Protection Agency Section II- Page 4 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|--------------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMBER) | : 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine St | reet, Elyria, OH 44035 | | |
| Issuance or most recent modification | on date: 07/27/01 | | |
| QUARTERLY Reporting Period | QUARTERLY Reporting Period | | Period (please indicate "N/A" below in the Fron emiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | - |

Facility-wide Permit Requirements Terms and Conditions (Permit Requirement Reporting) - Negative Declarations (mark with an >X= if applicable) (Table 2)

THERE WERE NO DEVIATIONS OF ANY OF THE TERMS AND CONDITIONS OF PART II OF THE TITLE V PERMIT DURING THE REPORTING PERIOD SPECIFIED IN THIS REPORT

<u>Section II - Part II Facility-wide and/or IEU permit requirement (Permit Requirement Reporting) - Deviation Reporting</u> (Table 3) Add rows as necessary to the following table for reported deviations (one for each Term as applicable; see detailed instructions for more information)

| r IEU T iption | | Requirement se one) both | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MALFUN WRIT REPOF DATE | |
|----------------------|-----------|--------------------------------|-----------------------------------------------------|--------------------------|--------------------|----------------------------------------|-----------------------------------------------------------|--------------------------------------|------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------|
| is for | Quarterly | Semi- Annual | | | IATION ATION | DESCRIPTION AND MAGNITUDE OF THE | | | MALFUNCTION ? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the space below) | (If no reports state ANO R in the space |
| | | | | DATE / TIME START | DATE / TIME END | DEVIATION | | | the next column) | | |
| | | | | | | | | | | | |

Ohio Environmental Protection Agency Section II- Page 5 Deviation Reporting

| Boviation Reporting | | | |
|------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Corp |). | | |
| FACILITY ID (PREMISE NUM | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | fication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | QUARTERLY Reporting Period | | Period (please indicate "N/A" below in the Fror emiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | j |

| r IEU T iption | Reporting Requirement (choose one) or both | | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MALFUN WRIT REPOF DATE | |
|----------------------|--------------------------------------------------|-----------------|-----------------------------------------------------|----------------------|--------------------|----------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------|
| s for | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE | | | MALFUNCTION ? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (If no reports state ANO R in the spac |
| | | | | DATE / TIME START | DATE / TIME END | DEVIATION | | | the next column) | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Ohio Environmental Protection Agency Section III- Page 1 Deviation Reporting

| FACILITY NAME: BASF Corp |). | | |
|-------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | fication date: 07/27/01 | | |
| QUARTERLY Reporting Period | od | | g Period (please indicate "N/A" below in the From semiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 13 | | • |

Ohio Environmental Protection Agency Section III- Page 1

| Deviation Reporting | | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Cor | 0. | | |
| FACILITY ID (PREMISE NUM | 1BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | fication date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | |

Section III - Part III Emissions Unit Terms and Conditions (Permit Requirement Reporting) - Negative Declarations (Table 1)

List each emissions unit where no deviations of any terms for the listed emissions unit occurred, <u>or</u> add rows as necessary to the second table (see next page) for reported deviations (one for each term as applicable; see detailed instructions for more information)

VERE NO DEVIATIONS OF ANY OF THE TERMS AND CONDITIONS OF PART III OF THE TITLE V PERMIT FOR THE FOLLOWING LISTED EMISSIONS UNITS:

| Emissions Unit ID | Please place an >X= below if there were no Quarterly Deviations - If an >X= is not indicated, the deviation(s) must be identified in Table2 below | If applicable, please place an >X= below if there no Semiannual Deviations - If an >X= is not inditine the deviation(s) must be identified in Table2 b |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 BOILER (E-91)) | × | |
| ER COLOR BLENDING (E-6)) | x | |
| ER COLOR MILLING (E-7)) | X | |
| UNNEL KILN #4 (E-9)) | X | |
| OPPER/ALUMINA DRIER (E-22)) | X | |

Ohio Environmental Protection Agency Section III- Page 2 Deviation Reporting

| Deviation Reporting | | | | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|---|
| FACILITY NAME: BASF Corp. | | | | |
| FACILITY ID (PREMISE NUMBER): 02 | FACILITY ID (PREMISE NUMBER): 02-47-04-0195 FACILITY ADDRESS: 120 Pine Street, Elyria, OH 44035 | | | |
| FACILITY ADDRESS: 120 Pine Street, | | | | |
| Issuance or most recent modification da | te: 07/27/01 | | | |
| QUARTERLY Reporting Period | QUARTERLY Reporting Period | | g Period (please indicate semiannual deviation rep | |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: N | A |
| Reporting deadline: 07/31/2013 | | • | | |

| U/BI CALCINERS (E-26)) | X | |
|-----------------------------------|---|--|
| EN CAT REACTION TANKS (E-28)) | X | |
| EN CAT MIXERS (E-29)) | X | |
| EN CAT BLENDERS (E-30)) | X | |
| EN CAT EXTRUDERS (E-32)) | X | |
| ER COLOR BLEND AND MILL (E-34)) | X | |
| ER COLOR BLEND,CRUSH,MILL (E-35)) | X | |
| ISC TABLET MIX EQUIPT (E-54)) | X | |
| ISC TABLET MIXING (E-55)) | X | |
| ICKEL TABLET SYSTEM (E-57)) | X | |

Ohio Environmental Protection Agency Section III- Page 3 Deviation Reporting

| | FACILITY NAME: BASE Co | orp. | | | |
|---------------------------|-----------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|--|
| | FACILITY ID (PREMISE NU | IMBER): 02-47-04-0195 | | | |
| | FACILITY ADDRESS: 120 | Pine Street, Elyria, OH 44035 | | | |
| | Issuance or most recent mo | dification date: 07/27/01 | | | |
| | QUARTERLY Reporting Period | | SEMIANNUAL Reporting Period (please indicate "N/A" below in the F this report does include semiannual deviation reporting) | | |
| | From: 04/01/13 | To: 06/30/13 | From: NA | To: NA | |
| | Reporting deadline: 07/31/2 | 013 | | | |
| RON ROO | M TABLET (E-58) | Х | | | |
| INC TABL | ET MIX (E-59)) | X | | | |
| UNCH RO | OM TABLET (E-60) | Х | | | |
| ER COLO | R PULVERIZER (E-62)) | Х | | | |
| OLOR JET | TMILL (E-94)) | Х | | | |
| OLV DRY | AND VERT CALC (E-75)) | Х | | | |
| -K BLENDER (E-76)) | | Х | | | |
| &S DRIER IN HC-11 (E-84)) | | Х | | | |
| HUTTLE I | XILN #1 (E-88)) | X | | | |
| 2 SHUTTLE KILN (E-92)) | | Х | | | |

Ohio Environmental Protection Agency Section III- Page 4 Deviation Reporting

| Deviation Reporting | | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Cor | p. | | |
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | rine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Per | QUARTERLY Reporting Period | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | · |
| | | | |

| PIN FLASH DRIER (E-100)) | X | |
|--------------------------------------|---|--|
| LDG 24 WEST TABLETTING) | X | |
| LDG 25 EAST TABLETTING) | X | |
| UNNEL KILN #2 (E-8)) | X | |
| UNNEL KILN #3 (E-8)) | X | |
| OTARY CALCINER #2) | Х | |
| RON CATALYST MIXING (E-104)) | Х | |
| RAVITY BED SEPARATOR) (PTI 02-14641) | Х | |
| ATIONAL DRYER) (PTI 02-15619) | Х | |

Ohio Environmental Protection Agency Section III- Page 5

Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|--------------------------------------|----------------------|------------------------------------------|------------------|
| FACILITY ID (PREMISE NUMBER): | 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine Street | et, Elyria, OH 44035 | | |
| Issuance or most recent modification | date: 07/27/01 | | |
| QUARTERLY Reporting Period | | SEMIANNUAL Reporting Period (please | |
| | | this report does include semiannual devi | ation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |

<u>Section III - Part III Emissions Unit Terms and Conditions (Permit Requirement Reporting) - Deviation Reporting</u> (Table2)

Add rows as necessary to the following table for reported deviations (one for each Term as applicable; see detailed instructions for more information) - Please group deviations for each emissions unit that has deviations of multiple terms.

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE | DEVIATION INFORMATION | | | | PROBABLE CAUSE FOR THE | CORRECTIVE ACTIONS / PREVENTATIVE | WAS THIS DEVIATION ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) | MA F |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------|----------------------------------------------------------------------|--------------------------|------------------|--------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------|------------------------------------|---------|
| | | Quarterly Semi- Annual COMPLIAN | | COMPLIANCE | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | MEASURES TAKEN | TO A MALFUNCTION? (Yes or No - If Yes, continue to | DATE(S) (If no reports were made, state ANO REPORTS@ in the | (4 | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the | |
| ! ?) | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | х | | Daily pressure drop readings for the calciner feed baghouse | 04/08/13 | 04/08/13 | Daily ΔP reading of less than 1"WC for the calciner draft baghouse | Low air flow | Baghouse maintenance work order issued on 02/11/13; ΔP reading above 1"WC on 04/09/13 | No | No | No | |

Ohio Environmental Protection Agency Section III- Page 6 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| on | TITLE V PERMIT TERM NO & Description | Repoi Require (choose | ement e one) | ACTUAL METHOD USED TO DETERMINE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE | CORRECTIVE ACTIONS / PREVENTATIVE | WAS THIS DEVIATION ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) | MA |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------|------------------------------------------------------------------------------|--------------------|--------------------|----------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------|
| | | Or bo | Semi- Annual | COMPLIANCE | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | MEASURES TAKEN | TO A MALFUNCTION? (Yes or No - If Yes, continue to | DATE(S) (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| 2 | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | х | | Daily pressure drop readings for the calciner draft baghouse | 04/11/13 | 04/11/13 | Daily ΔP readings of less than 1 "WC for the calciner draft baghouse | Low air flow | ΔP reading above 1"WC on 04/12/13 and remained above 1"WC for remainder of reporting period | No | No | No |
| | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | Х | | Daily pressure drop readings for the calciner draft hopper baghouse | 04/13/13 | 04/14/13 | Daily ΔP readings of less than 1 "WC for the calciner draft baghouse | Low air flow | ΔP reading above 1"WC on 04/15/13 | No | No | No |

Ohio Environmental Protection Agency Section III- Page 7 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------------------------|--------------------|--------------------|---------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 00 111 25 11 402 | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | BEVIIIION | WENCONEO WINCH | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4) |
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | Ri the |
| ₹) | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | x | | Daily pressure drop readings for the calciner draft baghouse | 04/15/13 | 04/15/13 | Daily ΔP reading of less than 1"WC for the calciner draft hopper baghouse | Low air flow | ΔP reading above 1"WC on 04/66/13 | No | No | No |

Ohio Environmental Protection Agency Section III- Page 8 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|------------------------------------------------------------------------------|--------------------|--------------------|---------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 001111 21111102 | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | BEVIIIION | WENCONEO WINCH | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE BENNING! | | | the next column) | space below) | the |
| ! ₹) | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | x | | Daily pressure drop readings for the calciner draft hopper baghouse | 04/25/13 | 04/26/13 | Daily ΔP reading of less than 1"WC for the calciner draft hopper baghouse | Low air flow | ΔP reading above 1"WC on 04/27/13 | No | No | No |

Ohio Environmental Protection Agency Section III- Page 9 Deviation Reporting

| FACILITY NAME: BASF Corp | | | |
|-------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMI | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|-----------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | the next column) | space below) | th: |
| ! ?) | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | X | | Daily pressure drop readings for the calciner feed hopper baghouse | 05/02/13 | 05/0213 | Daily ΔP reading of less than 1"WC for the calciner feed hopper baghouse | Low air flow | ΔP reading above 1"WC on 05/03/13 | No | No | N |

Ohio Environmental Protection Agency Section III- Page 10 Deviation Reporting

| FACILITY NAME: BASF Corp | | | |
|-------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMI | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|------------------------------------------------------------------------------|--------------------|--------------------|---------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE BENNING! | | | the next column) | space below) | the |
| ₹) | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | x | | Daily pressure drop readings for the calciner draft hopper baghouse | 05/20/13 | 05/21/13 | Daily ΔP reading of less than 1"WC for the calciner draft hopper baghouse | Low air flow | Work order written ΔP reading above 1"WC on 05/22/13 | No | No | No |

Ohio Environmental Protection Agency Section III- Page 11 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|-----------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE BENNINGS | | | the next column) | space below) | th: |
| ! ?) | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | Х | | Daily pressure drop readings for the calciner feed hopper baghouse | 05/30/13 | 05/30/13 | Daily ΔP reading of less than 1"WC for the calciner feed hopper baghouse | New filters installed incorrectly installed | ΔP reading above 1"WC on 05/31/13 | No | No | N |

Ohio Environmental Protection Agency Section III- Page 12 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | Ri the |
| ! ?) | A.II.2-Pressure drop across each baghouse shall be maintained within the range of 1 to 5 "WC while the emissions unit is in operation | Х | | Daily pressure drop readings for the calciner feed hopper baghouse | 05/27/13 | 05/28/13 | Daily ΔP reading of less than 1"WC for the calciner feed hopper baghouse | Low air flow | Work order written, ΔP reading above 1"WC on 05/29/13 | No | No | No |
| , ? | A.II.2-The pressure drop across the baghouse shall be maintained within the range of 0.3 to 4.5 "WC while the emissions unit is in operation. | X | | Daily pressure drop readings | 05/17/13 | 05/22/13 | Daily ΔP readings less than 0.3"WC for baghouse 4A | Air flow issues | maintenance returned to operation on 05/23/13 with a ΔP of > 1"WC | No | No | No |

Ohio Environmental Protection Agency Section III- Page 13 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|---------------------------------------------------------------------------------|---------------------------------------|-----------------|--------------------------------------------|--------------------|--------------------------|--------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (1 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| , ? | B.II.2-The pH of the scrubber liquor shall be maintained between 10 and 13 s.u. | X | | Shift pH readings | 05/10/13 | 05/10/13 | pH lower than 10 s.u. | Low caustic flow | System cleaned 05/12/13 | No | No | |
| , 2 | B.II.2-The pH of the scrubber liquor shall be maintained between 10 and 13 s.u. | Х | | Shift pH readings | 05/11/13 | 05/12/13 | pH lower than 10 s.u. | Low caustic flow | System cleaned 05/12/13 | No | No | |

Ohio Environmental Protection Agency Section III- Page 14 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|----------------------------------|--------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMBE | R): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | Street, Elyria, OH 44035 | | |
| Issuance or most recent modifica | ation date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | · |

| on | TITLE V PERMIT TERM NO & Description | Reporting Requirement (choose one) or both | | Requirement (choose one) or both ACTUAL METHOD USED TO DETERMINE | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) | MA F |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|----------------------------------------|-------------------------------------------|----------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------|------------------------------------|----------|
| | | Quarterly | Semi- Annual | . COMPLIANCE | | DEVIATION DESCRIPTION AND MAGNITUDE OF | MALFUNCTION (Yes or No | | TO A MALFUNCTION? (Yes or No - If Yes, continue to | DATE(S) (If no reports were made, state ANO REPORTS@ in the | | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | R the |
| , R | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/06/13 | 04/09/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 15 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/10/13 | 04/10/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 16 Deviation Reporting

| FACILITY NAME: BASF Corp | | | |
|-------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| , ~ | B. II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/11/13 | 04/11/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 17 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|----------------------------------|--------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMBE | ER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | Street, Elyria, OH 44035 | | |
| Issuance or most recent modifica | ation date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------------|-------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | - DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/18/13 | 04/18/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 18 Deviation Reporting

| FACILITY NAME: BASF Corp | | | |
|-------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M) |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/18/13 | 04/19/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 19 Deviation Reporting

| FACILITY NAME: BASF Corp | | | |
|-------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| , ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/20/13 | 04/20/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 20 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 27,1102 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/22/13 | 04/23/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 21 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| n | TITLE V PERMIT TERM NO & Description | Reporting Requirement (choose one) or both Reporting ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F | |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (I N RI the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 04/23/13 | 04/24/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 22 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| 'n | TITLE V PERMIT TERM NO & Description | Reporting Requirement (choose one) or both Reporting ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | ZEVIATION INCAGENCE VANEN | | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| ₹ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 04/25/13 | 04/26/13 | ΔP greater than 1.5°WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 23 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/27/13 | 04/28/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 24 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | RI the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/29/13 | 04/29/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 25 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | | | | |
|---------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|--|--|--|
| FACILITY ID (PREMISE NUME | BER): 02-47-04-0195 | | | | | |
| FACILITY ADDRESS: 120 Pin | e Street, Elyria, OH 44035 | | | | | |
| Issuance or most recent modifie | cation date: 07/27/01 | | | | | |
| QUARTERLY Reporting Period | UARTERLY Reporting Period | SEMIANNUAL Reporting Period (please indicate "N/A" below in the Fithis report does include semiannual deviation reporting) | | | | |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA | | | |
| Reporting deadline: 07/31/2013 | 3 | | | | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | RI the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/29/13 | 04/30/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 26 Deviation Reporting

| | TY ID (PREMISE NUMBER): 02-47-04-0195 TY ADDRESS: 120 Pine Street, Elyria, OH 44035 e or most recent modification date: 07/27/01 | | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Corp | | | |
| FACILITY ID (PREMISE NUMI | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------|----------------------------------------------------------------------------------|------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|---|
| | | Quarterly | uarterly Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: | |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/02/13 | 05/02/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 27 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| on | TITLE V PERMIT TERM NO & Description | Require (choos | eporting quirement cose one) or both ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------|--------------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 27,1102 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/03/13 | 05/04/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 28 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATIC INFORMAT | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------|----------------------------------------------------------------------------------|----------------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | suarterly Semi- Annual | 2 | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (I N RI the |
| ₹ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation. | X | | Pressure drop readings across the first stage of the Trimer scrubber | 05/11/13 | 05/11/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | System flushed | No | No | |

Ohio Environmental Protection Agency Section III- Page 29 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | RM (choose | | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/18/13 | 05/19/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 30 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 05/19/13 | 05/20/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 31 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly Semi- Annual | | 27,1102 | DURATION MAGNITUDE | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/20/13 | 05/21/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 32 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 20 20 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| , ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/24/13 | 05/24/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 33 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|------------------|--------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 27,1102 | | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| B II 1-The pressure drop | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/25/13 | 05/25/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 34 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 20 20 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/28/13 | 05/28/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 35 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATIO INFORMAT | | | PROBABLE CAUSE FOR THE DEVIATION | | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|----------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------------|
| | | Quarterly | Semi- Annual | L | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 06/05/13 | 06/05/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 36 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|----------------------------------------------------------------------------------|---------------|--------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 20 20 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| B II 1-The pressure drop | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the | | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/14/13 | 06/14/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 37 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATIO INFORMAT | | | PROBABLE CAUSE FOR THE DEVIATION | | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|----------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 06/14/13 | 06/16/13 | ΔP greater than 1.5°WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 38 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|------------------|--------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 20 20 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/17/13 | 06/17/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 39 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 27,1102 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | | | Ri the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/19/13 | 06/20/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 40 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M. |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----|
| | | Quarterly | Semi- Annual | mi- nual DEVIATION DESCRIPTION AND DURATION MAGNITUDE OF | | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | | | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/21/13 | 06/21/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 41 Deviation Reporting

| <u> </u> | | | |
|------------------------------------|-------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Corp. | | | |
| FACILITY ID (PREMISE NUMBER | (): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine S | treet, Elyria, OH 44035 | | |
| Issuance or most recent modificati | on date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 20 20 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/23/13 | 06/24/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 42 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 27,1102 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/24/13 | 06/25/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 43 Deviation Reporting

| FACILITY NAME: BASF Corp | | | |
|-------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMI | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modif | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|-----------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | G | Quarterly Semi- Annual | | | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/25/13 | 06/26/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 44 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| , ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/28/13 | 06/28/13 | ΔP greater than 1.5"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 45 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|-------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| ₹ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 1.5"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 06/29/13 | 06/29/13 | ΔP greater than 1.5°WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 46 Deviation Reporting

| FACILITY NAME: BASF Corp |). | | |
|------------------------------|-----------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | IBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | fication date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | IS / DEVIATION ATIVE ATTRIBUTABLE TAKEN TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|---------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION ATION I | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i V |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column) | space below) | the |
| , R | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | × | | Pressure drop readings across the third stage of the Trimer scrubber | 04/1/13 | 04/12/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 47 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | R ACTIONS / PREVENTATIVE | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------------------------------------------------|-------------------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------|-----------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | DEVIATION DESI DURATION MA | | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | INE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 04/17/13 | 05/01/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 48 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | SED TO INFORMAT | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| | | Quarterly | Semi- Annual | 2,,,,, | DUR | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | , , , , , , , , , , , , , , , , , , , | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i V Ri |
| | | | | | DATE/TIME START | DATE/TIME END | | | | | | the |
| , ? | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across the third stage of the Trimer scrubber | 05/02/13 | 05/02/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 49 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| | | Quarterly | Semi- Annual | SOWN EIANGE | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | WEGGONES PANEN | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i V Ri |
| l | | | | | DATE/TIME START | DATE/TIME END | | | | ane next columny | Space Below) | the |
| , R | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across the third stage of the Trimer scrubber | 05/08/13 | 05/11/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 50 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE | CORRECTIVE ACTIONS / PREVENTATIVE | WAS THIS DEVIATION ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) | M |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------|----------------------------------------------------|-------------------------------------------------------------|----------|
| | | Quarterly | Semi- Annual | COMPLIANCE | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | MEASURES TAKEN | TO A MALFUNCTION? (Yes or No - If Yes, continue to | DATE(S) (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | R the |
| , R | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | Х | | Pressure drop readings across the third stage of the Trimer scrubber | 05/12/13 | 05/12/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 51 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Require (choose | Reporting Requirement (choose one) or both Reporting ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | the |
| ~ | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | Х | | Pressure drop readings across the third stage of the Trimer scrubber | 05/15/13 | 05/28/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 52 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Require (choose | Reporting Requirement (choose one) or both Requirement (choose one) Or both Requirement USED TO DETERMINE COMPLIANCE | | DEVI | DEVIATION INFORMATION DEVIATION DESCRIPTION AND | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? (Yes or No. 16 | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------|---------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------|----------|
| | B.II.1-The pressure drop | | Annual | | DURA DATE/TIME START | DATE/TIME END | MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R the |
| 2 | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 05/30/13 | 06/17/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 53 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n n | TITLE V PERMIT TERM NO & Description | Require (choose or bo | Reporting Requirement (choose one) or both arterly Semi- | | DEVI | DEVIATION INFORMATION DEVIATION DESCRIPTION AND | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|-----------|
| | | Quarterly | Annual | | DUR/ DATE/TIME START | DATE/TIME END | MAGNITUDE OF THE DEVIATION | MAGNITUDE OF | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | Ri the |
| | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/18/13 | 06/19/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 54 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | USED TO INFORM. DETERMINE | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|------------------------------|------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column) | Space below) | the |
| , R | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/20/13 | 06/24/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 55 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Require (choose | Reporting Requirement (choose one) or both Reporting ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| B.II.1-The pressure drop | | | | DATE/TIME START | DATE/TIME END | INE DEVIATION | | | the next column) | space below) | RI the | |
| 2 | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | Х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/25/13 | 06/28/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 56 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| on | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | ıl DA | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | INE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/29/13 | 06/29/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 57 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n n | TITLE V PERMIT TERM NO & Description | Report Require (choose or both Quarterly | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVI | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------|----------------------------------------------------------------------------------|----------------------------|---------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------|---------|
| | | | Annual | | DURA DATE/TIME START | DATE/TIME END | MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R |
| , | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 6"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/30/13 | 06/30/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 58 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|------------------------------------------------------------------|------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (1 V |
| | B.II.2-The scrubber water | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Rı the | |
| , ? | B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times when the emission unit is in operation | х | | Stage 3 of the Trimer scrubber water flow rate readings | 05/10/13 | 05/11/13 | Stage 3 flow of less than 50 gpm | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 59 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|------------------------------------------------------------------|------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|---|
| | | Quarterly | Semi- Annual | | | IATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | the | |
| 2 | B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times when the emission unit is in operation | х | | Stage 2 of the Trimer scrubber water flow rate readings | 05/22/13 | 05/22/13 | Stage 2 flow of less than 50 gpm | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 60 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|------------------------------------------------------------------|--------------------|--------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | Semi- Annual | | IATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | | | | | space below) | the |
| | B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times when the emission unit is in operation. | х | | Stage 3 of the Trimer scrubber water flow rate readings | 05/22/13 | 05/23/13 | Stage 3 flow of less than 50 gpm | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 61 Deviation Reporting

| FACILITY NAME: BASF Co | rp. | | |
|-----------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NU | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | riod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2 | D13 | | |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVI | DEVIATION INFORMATION DEVIATION DESCRIPTION AND | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------|------------------------------------------------------------------|----------------------------|--------------------------------------------------|----------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|---------|
| | | | Annual | | DURA DATE/TIME START | DATE/TIME END | MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R. the |
| | B.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 50 gpm at all times when the emission unit is in operation. | х | | Stage 3 of the Trimer scrubber water flow rate readings | 05/26/13 | 05/26/13 | Stage 3 flow of less than 50 gpm | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 62 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | ONS / DEVIATION NTATIVE ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were made, state ANO REPORTS@ in the | MA F |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|---------------------------------------------|-----------------------|--------------------------|--------------------------------------------|--------------------------------|--------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------|---------|
| | | Quarterly Semi- Annual | | | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | | | (i V |
| | All 2-The scrubber water | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the | |
| | A.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 25 gpm at all times when the emission unit is in operation | X | | Scrubber water flow readings readings | 06/01/13 | 06/01/13 | Flow less than 25 gpm | Scrubber water flow rate | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 63 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| i on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVI | DEVIATION DESCRIPTION AND | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? (Yes or No - If | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | Mi H |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------|----------------------------|---------------------------|-------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------|----------|
| | | | Annual | nnual | DUR, DATE/TIME START | ATION DATE/TIME END | MAGNITUDE OF THE DEVIATION | | | Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R the |
| | A.II.2-The scrubber water flow rate to each stage of the scrubber shall be continuously maintained at a value of not less than 25 gpm at all times when the emission unit is in operation. | х | | Scrubber water flow readings readings | 06/06/13 | 06/12/13 | Flow less than 25 gpm | Scrubber water flow rate | Work order issued on 06/12/13 | No | No | |

Ohio Environmental Protection Agency Section III- Page 64 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|---|
| | | Quarterly | | Quarterly Semi- Annual | | 20 20 | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the | | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/06/13 | 04/06/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown on 04/12/13 | No | No | | | |

Ohio Environmental Protection Agency Section III- Page 65 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|--------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUME | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pin | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modifi | ication date: 07/27/01 | | |
| QUARTERLY Reporting Perior | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|-----------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|---|
| | | Quarterly Semi- Annual | | • | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the | |
| , ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/12/13 | 04/14/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 66 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | USED TO | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------------|
| | | Quarterly | Semi- Annual | 1 | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 04/22/13 | 04/22/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 67 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| _ | | | | | | | | | | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|-----|
| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
| | | Quarterly | Semi- Annual | Annual DATE/1 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | | space below) | the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/23/13 | 04/24/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown on 04/24/13 | No | No | |

Ohio Environmental Protection Agency Section III- Page 68 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| _ | | | | | | | | | | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|----------------------------------------------------------------------------------|------------------|--------------------------|-------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------|---|
| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | BABLE CORRECTIVE SE FOR ACTIONS / ITHE PREVENTATIVE VIATION MEASURES TAKEN | CTIONS / DEVIATION EVENTATIVE ATTRIBUTABLE SURES TAKEN TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
| | | Quarterly | Semi- Annual | 2,,,,,,, | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 04/24/13 | 04/25/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown on 04/25/13 | No | No | |

Ohio Environmental Protection Agency Section III- Page 69 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|-----------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly Semi- Annual | | 1 I | DEVIATION DURATION | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | R II 1 The proceure drop | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/06/13 | 05/06/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 70 Deviation Reporting

| FACILITY NAME: BASF Cor | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | g Period (please indicate "N/A" below in the From semiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | DEVIATION 'E ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i \ Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/07/13 | 05/11/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown on 05/11/13 | No | No | |

Ohio Environmental Protection Agency Section III- Page 71 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------------|
| | | Quarterly | Semi- Annual | COMPLIANCE | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 05/12/13 | 05/13/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 72 Deviation Reporting

| <u> </u> | | | |
|------------------------------------|-------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Corp. | | | |
| FACILITY ID (PREMISE NUMBER | (): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine S | treet, Elyria, OH 44035 | | |
| Issuance or most recent modificati | on date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 20 20 | DURATION | | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | D II 1 The proceure drop | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | RI the |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/13/13 | 05/14/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 73 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION NFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | DEVIATION E ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/15/13 | 05/16/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 74 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | L | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 05/17/13 | 05/21/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 75 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|----------------------------------------------------------------------------------|---------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 20 20 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| B II 1-The pressure drop | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | RI the | | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/26/13 | 05/24/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 76 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|----------------------------------------------------------------------------------|---------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 27,1102 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| B II 1-The pressure drop | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the | | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/24/13 | 05/25/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 77 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|----------------------------------------------------------------------------------|---------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 27,1102 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| B II 1-The pressure drop | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | RI the | | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/25/13 | 05/29/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 78 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|----------------------------------------------------------------------------------|---------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 27,1102 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| B II 1-The pressure drop | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the | | |
| 2 | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 05/29/13 | 05/31/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 79 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|--------------------------------|-----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUME | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pir | ne Street, Elyria, OH 44035 | | |
| Issuance or most recent modifi | cation date: 07/27/01 | | |
| QUARTERLY Reporting Perio | d | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/201 | 3 | | |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | l l | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | L | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the first stage of the Trimer scrubber | 05/31/13 | 06/02/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 80 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | 20 20 | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| B II 1-The pressure drop | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: | |
| | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/03/13 | 06/04/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 81 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|----------------------------------|--------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMBE | R): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | Street, Elyria, OH 44035 | | |
| Issuance or most recent modifica | ation date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | · |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|----------------------------------------------------------------------------------|------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|---|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| B II 1-The pressure drop | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: | |
| | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/05/13 | 06/06/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 82 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Report Requires (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | th: |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/07/13 | 06/07/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjustment | No | No | |

Ohio Environmental Protection Agency Section III- Page 83 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION NFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/08/13 | 06/09/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 84 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | 1 | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/11/13 | 06/12/13 | ΔP greater than 0.6°WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 85 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| 'n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION NFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| . ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/20/13 | 06/25/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 86 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | `i |
| ₹ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/26/13 | 06/27/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 87 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | 1 |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/29/13 | 06/29/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 88 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N Ri the |
| ~ | B.II.1-The pressure drop across the first stage of the scrubber shall be continuously maintained between 0 and 0.6"WC at all times while the emissions unit is in operation. | × | | Pressure drop readings across the first stage of the Trimer scrubber | 06/30/13 | 06/30/13 | ΔP greater than 0.6"WC across first stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 89 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n l | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVI | | | PROBABLE CAUSE FOR THE DEVIATION | OR ACTIONS / PREVENTATIVE | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------------------------------------------------------------------------|----------|----------|--------------------------------------|----------------------------------------------------------------|------------------------------|---------------------------------------------------------------|----------------------------------------------------------|----------|
| | | Quarterry | Annual | | | ATION | MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R the |
| , | B.II.1-The pressure drop across the second stage of the scrubber shall be continuously maintained between 1 and 3"WC at all times while the emissions | х | | Pressure drop readings across the second stage of the Trimer scrubber | 04/30/13 | 05/01/13 | ΔP > 3 "WC across second stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 90 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|-----------------------------------------------------------------------------------|--------------------------|------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2, 1, 1, 1, 2 | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 221,11,1011 | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (1 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| , ? | B.II.1-The pressure drop across the second stage of the scrubber shall be continuously maintained between 1 and 3"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the second stage of the Trimer scrubber | 06/02/13 | 06/02/13 | ΔP > 3 "WC across second stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 91 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|-----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|---------------|
| | | Quarterly | Semi- Annual | 2,,,,, | DUR, | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | , , , , , , , , , , , , , , , , , , , | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i V Ri |
| | | | | | DATE/TIME START | DATE/TIME END | | | | | | the |
| , ? | B.II.1-The pressure drop across the second stage of the scrubber shall be continuously maintained between 1 and 3"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across the second stage of the Trimer scrubber | 06/02/13 | 06/03/13 | ΔP > 3 "WC across second stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 92 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|-----------------------------------------------------------------------------------|--------------------------|------------------|--------------------------------------|-------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 001111 2711102 | | ATION ATION | DESCRIPTION AND MAGNITUDE OF | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| _ | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| , ? | B.II.1-The pressure drop across the second stage of the scrubber shall be continuously maintained between 1 and 3"WC at all times while the emissions unit is in operation | x | | Pressure drop readings across the second stage of the Trimer scrubber | 6/11/13 1600 | 6/12/13 0430 | ΔP > 3 "WC across second stage | Scubber flow | Adjusted | no | no | |

Ohio Environmental Protection Agency Section III- Page 93 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were made, state ANO REPORTS@ in the space below) | 'i |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|------------------|--------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|----|
| | | Quarterly | Semi- Annual | | | ATION DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | | MALFUNCTION? (Yes or No - If Yes, continue to | | |
| | | | I I | DATE/TIME START | DATE/TIME END | BEVIATION | | | the next column) | the | | |
| 2 | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 04/12/13 | 04/15/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 94 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE | CORRECTIVE ACTIONS / PREVENENTATIVE | WAS THIS DEVIATION ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|----------------------------------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | . COMPLIANCE | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | MEASURES TAKEN | TO A MALFUNCTION? (Yes or No - If Yes, continue to | DATE(S) (If no reports were made, state ANO REPORTS@ in the | (i |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column) | space below) | Ri the |
| , R | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across the third stage of the Trimer scrubber | 04/22/13 | 04/23/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 95 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? (Yes or No - If Yes, continue to | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were made, state ANO REPORTS@ in the | MA F |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | Ε | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | | | |
| | | | | | DATE/TIME START | DATE/TIME END | , in seviation | | | the next column) | space below) | the |
| , | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 04/23/13 | 04/24/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 96 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were made, state ANO REPORTS@ in the | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | | |
| | | | | | DATE/TIME START | DATE/TIME END | , in seviation | | | the next column) | space below) | the |
| , | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 04/24/13 | 04/25/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 97 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n n | TITLE V PERMIT TERM NO & Description | Repor Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVI | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|----------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|---------|
| | | | Annual | | | ATION | MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R |
| | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 04/25/13 | 05/11/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 98 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n l | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVI | INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|-------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------|----------|
| | | Quarterly | Annual | | | ATION | MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R the |
| | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 05/12/13 | 05/21/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 99 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2, 1, 1, 1, 2 | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS⊕ in the | (i |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| , ? | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across the third stage of the Trimer scrubber | 05/23/13 | 06/04/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 100 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n n | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVI | INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------------------------------------------------|----------|-------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------|---------|
| | | Quarterly | Annual | | | ATION | MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R. the |
| ₹ | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/05/13 | 06/06/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 101 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | O INFORMAT | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| | | Quarterly | Semi- Annual | 2,,,,, | DUR | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | , , , , , , , , , , , , , , , , , , , | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i V Ri |
| | | | | | DATE/TIME START | DATE/TIME END | | | | | | the |
| , ? | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/06/13 | 06/12/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 102 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | 00.00 20 0002 | l . | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | , , , , , , , , , , , , , , , , , , , | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i N |
| | | | | | DATE/TIME START | DATE/TIME END | | | | | | the |
| , ? | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation. | x | | Pressure drop readings across the third stage of the Trimer scrubber | 06/20/13 | 06/24/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Adjusted | No | No | |

Ohio Environmental Protection Agency Section III- Page 103 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------|---------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|---------------|
| | | Quarterly | Semi- Annual | | | ATION ATION I | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | (i V Ri |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column | space below) | the |
| , R | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | × | | Pressure drop readings across the third stage of the Trimer scrubber | 06/25/13 | 06/27/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 104 Deviation Reporting

| FACILITY NAME: BASF Co | ¬p. | | |
|------------------------------|-------------------------------|----------|-------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUI | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | lification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From miannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 013 | | , |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | l | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (A |
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | RI the |
| , | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions unit is in operation. | x | | Pressure drop readings across the third stage of the Trimer scrubber | 06/29/13 | 06/29/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 105 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repoi Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | M. |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------------------|--------------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | |
| | | | | | DATE/TIME DATE/TI START END | I . | INE DEVIATION | | | the next column) | space below) | the |
| 2 | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained between 3 and 5"WC at all times while the emissions | х | | Pressure drop readings across the third stage of the Trimer scrubber | 06/30/13 | 06/30/13 | ΔP less than 3"WC across third stage | Scrubber water flow rate/inlet exhaust flow issues | Calciner shutdown | No | No | |

Ohio Environmental Protection Agency Section III- Page 106 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on . | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | DEVIATION E ATTRIBUTABLE EN TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|------------------------------------------------------|--------------------|--------------------|-------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | l i |
| | | | | | DATE/TIME START | DATE/TIME END | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | the next column) | space below) | the |
| Ø | A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across Viron Scrubber 3 | 04/03/13 | 04/03/13 | ΔP readings across Viron Scrubber 3 of less than 1"WC | Scrubber water flow rate/air flow issues | Adjusted | No | No | No |

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| <u> </u> | | | |
|------------------------------------|-------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Corp. | | | |
| FACILITY ID (PREMISE NUMBER | (): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine S | treet, Elyria, OH 44035 | | |
| Issuance or most recent modificati | on date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | |

| pn | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEVIATION INFORMATION | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|------------------------------------------------------|--------------------------|------------------|-------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | 1 |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column) | space below) | the |
| s | A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in | х | | Pressure drop readings across Viron Scrubber 3 | 04/06/13 | 04/07/13 | ΔP readings across Viron Scrubber 3 of less than 1"WC | Scrubber water flow rate/air flow issues | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 108 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|------------------------------------------------------|--------------------|--------------------------|-------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-------------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column) | space below) | Ri the |
| Ø | A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across Viron Scrubber 3 | 05/19/13 | 05/19/13 | ΔP readings across Viron Scrubber 3 of less than 1"WC | Scrubber water flow rate/air flow issues | Adjusted | No | No | No |

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| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on . | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|------------------------------------------------------|--------------------|--------------------|-------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE BENNINGIN | | | the next column) | space below) | RI the |
| Ø | A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation. | х | | Pressure drop readings across Viron Scrubber 3 | 05/21/13 | 05/21/13 | ΔP readings across Viron Scrubber 3 of less than 1"WC | Scrubber water flow rate/air flow issues | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 110 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on . | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|------------------------------------------------------|--------------------|--------------------|-------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | the next column) | space below) | the |
| Ø | A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in operation. | Х | | Pressure drop readings across Viron Scrubber 3 | 05/22/13 | 05/23/13 | ΔP readings across Viron Scrubber 3 of less than 1"WC | Scrubber water flow rate/air flow issues | Adjusted | No | No | No |

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| <u> </u> | | | |
|------------------------------------|-------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Corp. | | | |
| FACILITY ID (PREMISE NUMBER | (): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine S | treet, Elyria, OH 44035 | | |
| Issuance or most recent modificati | on date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | |

| pn | TITLE V PERMIT TERM NO & Description | Repo Requir (choos or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|------------------------------------------------------|--------------------|--------------------|-------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column) | space below) | the |
| s | A.II.1.a-The pressure drop across each scrubber shall be continuously maintained at a value of not less than 1"WC at all times while the emissions unit is in | х | | Pressure drop readings across Viron Scrubber 2 | 06/15/13 | 06/21/13 | ΔP readings across Viron Scrubber 2 of less than 1"WC | Scrubber water flow rate/air flow issues | Word order written | No | No | No |

Ohio Environmental Protection Agency Section III- Page 112 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | | | BLE CORRECTIVE FOR ACTIONS / E PREVENTATIVE TION MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------------------|--------------------|------------------|--------------------------------------------------|-----------------|--------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | `\ |
| | | | | - | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | RI the |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation. | Х | | Daily pressure drop readings across discharge baghouse | 04/01/13 | 04/02/13 | ΔP reading below 1 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 113 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| n n | TITLE V PERMIT TERM NO & Description | Repor Require (choose or bo | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | USED TO INFORMA DETERMINE | | | DN CAUSE FOR THE PR DEVIATION MEA | | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) | M) |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------------------------------------------------------|------------------------------|-----------------------------|--------------------------------------------------|-----------------------------------|----------|---------------------------------------------------------------|---------------------------------------------------------------------------|----|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | |
| ?) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in | х | | Daily pressure drop readings across discharge baghouse | 04/04/13 | 04/08/13 | ΔP reading below 1 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 114 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| ; >n | TITLE V PERMIT TERM NO & Description | Repor Require (choose or bo | rement se one) ooth | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | DEV | DEVIATION INFORMATION DEVIATION DESCRIP | | PROBABLE CORRECTIVE CAUSE FOR ACTIONS / THE PREVENTATIVE DEVIATION MEASURES TAKEN PTION AND | | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------|-----------------------------------------------------------------|----------|------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------|----------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in | х | | Daily pressure drop readings across discharge baghouse | 04/10/13 | 04/11/13 | ΔP reading below 1 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 115 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| ; >n | TITLE V PERMIT TERM NO & Description | Repor Require (choose or bo | ement e one) oth | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | INFORMATION | | INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------|-----------------------------------------------------------------|----------|--------------------------|--------------------------------------------|--------------|----------|---------------------------------------------------------|----------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | (Yes or No - If Yes, continue to the next column) | made, state ANO REPORTS@ in the space below) | R | | | | |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in | х | | Daily pressure drop readings across discharge baghouse | 04/12/13 | 04/14/13 | ΔP reading below 1 "WC | Low air flow | Adjusted | No | No | No | | | | |

Ohio Environmental Protection Agency Section III- Page 116 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE BENNINGIN | | | the next column) | space below) | RI the |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation. | Х | | Daily pressure drop readings across discharge baghouse | 05/05/13 | 05/05/13 | ΔP reading below 1 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 117 Deviation Reporting

| <u> </u> | | | |
|------------------------------------|-------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY NAME: BASF Corp. | | | |
| FACILITY ID (PREMISE NUMBER | (): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine S | treet, Elyria, OH 44035 | | |
| Issuance or most recent modificati | on date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | |

| n n | TITLE V PERMIT TERM NO & Description | Repor Require (choose or bo | rement se one) ooth | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | 2514 | INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A MALFUNCTION? | MALFUNCTION VERBAL REPORT(S) DATE(S) (If no reports were | MA F |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------|-----------------------------------------------------------------|----------|-------------|-------------------------------|-------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | | | ATION | MAGNITUDE OF THE DEVIATION | AMAGNITUDE OF Yes, continu | | (Yes or No - If Yes, continue to the next column) | If made, state ANO to REPORTS@ in the | |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in | х | | Daily pressure drop readings across discharge baghouse | 05/18/13 | 05/18/13 | ΔP reading below 1 "WC | Low air flow | Work order issued | No | No | No |

Ohio Environmental Protection Agency Section III- Page 118 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on . | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------------------|--------------------|--------------------|--------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 220,17,070 | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | RI the |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation. | Х | | Daily pressure drop readings across discharge baghouse | 06/17/13 | 06/18/13 | ΔP reading below 1 "WC | Low air flow | Work order issued | No | No | No |

Ohio Environmental Protection Agency Section III- Page 119 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE BENNINGIN | | | the next column) | space below) | RI the |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation. | Х | | Daily pressure drop readings across discharge baghouse | 06/25/13 | 06/25/13 | ΔP reading below 1 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 120 Deviation Reporting

| FACILITY NAME: BASF Cor | rp. | | |
|------------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | iod | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 |)13 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE | CORRECTIVE ACTIONS / PREVENTATIVE | WAS THIS DEVIATION ATTRIBUTABLE | MALFUNCTION VERBAL REPORT(S) | M |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------------------|--------------------|--------------------|--------------------------------------------|------------------------------|-----------------------------------------|----------------------------------------------------|-------------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | COMPLIANCE | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | MEASURES TAKEN | TO A MALFUNCTION? (Yes or No - If Yes, continue to | DATE(S) (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2) | A.II.1-The pressure drop across each fabric filter baghouse shall be maintained within the range of 1 to 6"WC while the emissions unit is in operation | х | | Daily pressure drop readings across discharge baghouse | 06/27/13 | 06/27/13 | ΔP reading below 1 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 121 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 04/10/13 | 04/10/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 122 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 04/11/13 | 04/11/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 123 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| bn | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 2200000 | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 04/12/13 | 04/13/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 124 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 221,11,701 | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 04/19/13 | 05/01/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 125 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS⊕ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 05/02/13 | 05/02/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 126 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | х | | Pressure drop readings across the scrubber | 05/05/13 | 05/05/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 127 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | х | | Pressure drop readings across the scrubber | 05/11/13 | 05/11/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 128 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| n | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION NFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------|--------------------|------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | `\ |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | RI the |
| :r | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 05/12/13 | 05/12/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 129 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | х | | Pressure drop readings across the scrubber | 05/14/13 | 05/15/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 130 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| bn | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 05/16/13 | 05/16/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 131 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | х | | Pressure drop readings across the scrubber | 05/18/13 | 05/24/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 132 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on . | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | х | | Pressure drop readings across the scrubber | 05/29/13 | 06/12/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 133 Deviation Reporting

| FACILITY NAME: BASF Cor | р. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 P | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | ification date: 07/27/01 | | |
| QUARTERLY Reporting Peri | od | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | · |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------|--------------------|--------------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 2200000 | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | Х | | Pressure drop readings across the scrubber | 06/14/13 | 06/15/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |

Ohio Environmental Protection Agency Section III- Page 134 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | Ri the |
| er | B.II.2-The pressure drop across the scrubber shall be continuously maintained at a value of not less than 2"WC at all times while the emissions unit is in operation | х | | Pressure drop readings across the scrubber | 06/21/13 | 06/30/13 | ΔP readings below 2 "WC | Scrubber water flow rate/inlet exhaust flow issues | PK Blender shutdown | No | No | No |
| er | B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation | Х | | Daily pressure drop readings across the baghouse | 04/11/13 | 04/13/13 | ΔP readings below 3 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 135 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|------------------------------------|-------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMBER | (): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine S | treet, Elyria, OH 44035 | | |
| Issuance or most recent modificati | on date: 07/27/01 | | |
| QUARTERLY Reporting Period | | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | | | |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | 3200111010 | | | the next column) | space below) | RI the |
| er | B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation | Х | | Daily pressure drop readings across the baghouse | 04/19/13 | 04/27/13 | ΔP readings below 3 "WC | Low air flow | Adjusted | No | No | No |
| er | B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in | × | | Daily pressure drop readings across the baghouse | 06/05/13 | 06/12/13 | ΔP readings below 3 "WC | Low air flow | Adjusted | No | No | No |

Ohio Environmental Protection Agency Section III- Page 136 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUMB | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pine | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modific | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| pn | TITLE V PERMIT TERM NO & Description | Report Requires (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|----------------------------------------------------------------------------------|----------|------------------------------------|--------------------------------------------------|------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | | 1 | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | Ri the |
| er | B.II.3-The pressure drop across the baghouse shall be maintained within the range of 3 to 5"WC while the emissions unit is in operation | х | | Daily pressure drop readings across the baghouse | 06/21/13 | 06/30/13 | ΔP readings below 3 "WC | Low air flow | Adjusted | No | No | No |
| 2) | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained within the range of 3 to 5 "WC while the emission unit is in operation." | х | | Pressure drop readings across the third stage of the TriMer scrubber | 04/21/13 | 05/01/13 | ΔP readings below 3 "WC | Scrubber flow | Calciner shutdown. | No | No | No |

Ohio Environmental Protection Agency Section III- Page 137 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on . | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | 1 |
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2) | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained within the range of 3 to 5 "WC while the emission unit is in operation. | X | | Pressure drop readings across the third stage of the TriMer scrubber | 05/02/13 | 05/02/13 | ΔP readings below 3 "WC | Scrubber flow | Calciner shutdown. | No | No | No |

Ohio Environmental Protection Agency Section III- Page 138 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | RI the |
| В) | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained within the range of 3 to 5 "WC while the emission unit is in operation. | X | | Pressure drop readings across the third stage of the TriMer scrubber | 05/27/13 | 05/29/13 | ΔP readings below 3 "WC | Scrubber flow | Calciner shutdown. | No | No | No |

Ohio Environmental Protection Agency Section III- Page 139 Deviation Reporting

| FACILITY NAME: BASF Corp | p. | | |
|------------------------------|------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUM | ЛВЕR): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | |
| Issuance or most recent modi | ification date: 07/27/01 | | |
| QUARTERLY Reporting Perio | od | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/20 | 13 | | • |

| on . | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATI INFORMA | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | 22,,,,,,,,, | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (|
| | | | | | DATE/TIME START | DATE/TIME END | THE DEVIATION | | | the next column) | space below) | the |
| 2) | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained within the range of 3 to 5 "WC while the emission unit is in operation. | X | | Pressure drop readings across the third stage of the TriMer scrubber | 06/05/13 | 06/05/13 | ΔP readings below 3 "WC | Scrubber flow | Calciner shutdown. | No | No | No |

Ohio Environmental Protection Agency Section III- Page 140 Deviation Reporting

| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUME | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pin | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modifie | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|----------------------------------------------------------------------------------|--------------------|------------------|--------------------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | RI the |
| 2) | B.II.1-The pressure drop across the third stage of the scrubber shall be continuously maintained within the range of 3 to 5 "WC while the emission unit is in operation. | X | | Pressure drop readings across the third stage of the TriMer scrubber | 06/30/13 | 06/30/13 | ΔP readings below 3 "WC | Scrubber flow | Calciner shutdown. | No | No | No |

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| FACILITY NAME: BASF Corp | p. | | | |
|------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------|--|
| FACILITY ID (PREMISE NUM | /IBER): 02-47-04-0195 | | | |
| FACILITY ADDRESS: 120 Pi | ine Street, Elyria, OH 44035 | | | |
| Issuance or most recent modi | ification date: 07/27/01 | | | |
| QUARTERLY Reporting Perio | od | SEMIANNUAL Reporting Period (please indicate "N/A" below in the Fr this report does include semiannual deviation reporting) | | |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA | |
| Reporting deadline: 07/31/20 | 13 | | • | |

| pn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | | DEVIATION INFORMATION | | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA |
|----|-----------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------|--------------------|-------------------|--------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|---------|
| | | Quarterly | Semi- Annual | 2,,,,,,,,,, | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | <i></i> | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 V |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the next column) | space below) | the |
| 1) | A.I.1-Emissions of particulate matter shall not exceed 1.62 pounds per hour | × | | Visual observation | 05/16/13 07:30 | 05/16/13 08:30 | 60 minute discharge of emissions from the dust collector estimated at 5 pounds of PM | Gasket Failure | Gasket replaced | Yes | 05/16/13 | 05 |

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| FACILITY NAME: BASF Corp. | | | |
|---------------------------------|----------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NUME | BER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 Pin | e Street, Elyria, OH 44035 | | |
| Issuance or most recent modifie | cation date: 07/27/01 | | |
| QUARTERLY Reporting Period | t | · • | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA |
| Reporting deadline: 07/31/2013 | 3 | | |

| bn | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | | DEVIATION INFORMATION | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F |
|----|-----------------------------------------------------------------------------|------------------------------------|-----------------|-----------------------------------------------------|--------------------|--------------------------|--------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| | | Quarterly | Semi- Annual | OOM EANOL | | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | MEAGONEG TANEN | MALFUNCTION? (Yes or No - If Yes, continue to | (If no reports were made, state ANO REPORTS@ in the | (4 |
| | | | | | DATE/TIME START | DATE/TIME END | THE BEVIATION | | | the next column) | space below) | Ri the |
| 1) | A.I.1-Emissions of particulate matter shall not exceed 1.62 pounds per hour | х | | Visual observation | 04/27/13 09:00 | 04/27/13 10:00 | 60 minute discharge of emissions from the dust collector estimated at 10 | Filter Failure | Filter replaced | Yes | 04/27/13 | 04 |

Ohio Environmental Protection Agency Section III- Page 143 Deviation Reporting

| FACILITY NAME: BASF Cor | ¬p. | | | |
|------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------|--|
| FACILITY ID (PREMISE NUM | MBER): 02-47-04-0195 | | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | | |
| Issuance or most recent mod | lification date: 07/27/01 | | | |
| QUARTERLY Reporting Per | iod | SEMIANNUAL Reporting Period (please indicate "N/A" below in the Fronthis report does include semiannual deviation reporting) | | |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA | |
| Reporting deadline: 07/31/20 | 013 | | | |

| n | TITLE V PERMIT TERM NO & Description | Report Require (choose or be | ement e one) | ACTUAL METHOD DEVIATION USED TO INFORMATION INFORMATIO | | | PROBABLE CAUSE FOR THE DEVIATION | CORRECTIVE ACTIONS / PREVENTATIVE MEASURES TAKEN | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA F | |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | | | ATION ATION DATE/TIME END | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | | | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | l i |
| 2 | B.II.1-NOx emissions from this emission unit shall be controlled by one of the following air pollution control equipment: the F-1 scrubber, the Trimer Scrubber, or the Salem-Engelhard SCR unit. | Х | | Visual observation | 05/06/13 16:00 | 01/23/13 16:15 | 15 minute discharge of emissions from the SCR estimated at 5 pounds of NOx | Unexpec- ted burner failure | Calciners shutdown | Yes | 05/06/13 | 05. |

Ohio Environmental Protection Agency Section III- Page 144 Deviation Reporting

| FACILITY NAME: BASF Co | rp. | | |
|-----------------------------|-------------------------------|----------|--------------------------------------------------------------------------------|
| FACILITY ID (PREMISE NU | MBER): 02-47-04-0195 | | |
| FACILITY ADDRESS: 120 F | Pine Street, Elyria, OH 44035 | | |
| Issuance or most recent mod | dification date: 07/27/01 | | |
| QUARTERLY Reporting Per | QUARTERLY Reporting Period | | Period (please indicate "N/A" below in the From emiannual deviation reporting) |
| From: 04/01/13 To: 06/30/13 | | From: NA | To: NA |
| Reporting deadline: 07/31/2 | 013 | | |

| on | TITLE V PERMIT TERM NO & Description | Repo Require (choose or b | ement e one) | ACTUAL METHOD USED TO DETERMINE COMPLIANCE | USED TO INFORMATION CAUS. DETERMINE THE | | PROBABLE CORRECTIVE CAUSE FOR ACTIONS / THE PREVENTATIVE DEVIATION MEASURES TAKEN | | WAS THIS DEVIATION ATTRIBUTABLE TO A | MALFUNCTION VERBAL REPORT(S) DATE(S) | MA | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|--------------------------------------------|-----------------------------------------|-------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------|-----|
| | | Quarterly | Semi- Annual | COM EARCE | 1 | ATION ATION | DESCRIPTION AND MAGNITUDE OF THE DEVIATION | DEVIATION | MEAGONEG PANEN | MALFUNCTION? (Yes or No - If Yes, continue to the next column) | (If no reports were made, state ANO REPORTS@ in the space below) | l i |
| | | | | | DATE/TIME START | DATE/TIME END | | | | the heat columny | opuse solow) | the |
| | B.II.1-NOx emissions from this emission unit shall be controlled by one of the following air pollution control equipment: the F-1 scrubber, the Trimer Scrubber, or the Salem-Engelhard SCR unit. | x | | Visual observation | 05/17/13 16:00 | 05/17/13 16:15 | 15 minute discharge of emissions from the SCR estimated at 1 pound of NOx | Unexpec- ted burner failure | Calciners shutdown, SCR Repaired | Yes | 05/17/13 | 05 |
| l) | A.I.1-Visible particulate emissions shall not exceed 20% opacity as a six minute average, except provided by this rule. | X | | Visual observation | 06/26/13 10:10 | 06/26/13 11:10 | Five six minute average periods where opacity exceeded 20% | Overdose of TriMer with treatment chemical | Solution adjusted | No | NA | N.A |

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Deviation Reporting

| FACILITY NAME: BASF Corp. | | | | | |
|---------------------------------|----------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------|--|--|
| FACILITY ID (PREMISE NUME | BER): 02-47-04-0195 | | | | |
| FACILITY ADDRESS: 120 Pin | e Street, Elyria, OH 44035 | | | | |
| Issuance or most recent modifie | cation date: 07/27/01 | | | | |
| QUARTERLY Reporting Period | ł | | SEMIANNUAL Reporting Period (please indicate "N/A" below in the From this report does include semiannual deviation reporting) | | |
| | | | | | |
| From: 04/01/13 | To: 06/30/13 | From: NA | To: NA | | |

See page 3 of the instructions A SECTION III ADDITIONAL DETAILED INSTRUCTIONS FOR COMPLETING A DEVIATION REPORTING TABLE@ for guidance on this table.